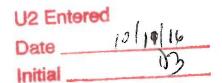
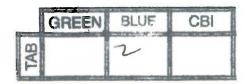


OMB No. 2040-0042 Approval Expires 11/30/2014

Washington, E	C 20460	
Injection Well Mon	itoring Report	
Month	Month	Month
***************************************	August	September
1449.3	1377.12	1518.89
1675.24	1698.00	1727.92
1794.1	1833.35	1851.26
July	August	September
0	0	Ø
361.38	368.1	362.73
391.03	400.98	470.58
July	August	September
-0.21	-0.26	-0.33
-0.01	-0.03	-0.06
.54	0.47	.21
July	August	September
14,577,500	14,241,900	14,000,300
51,000,900	65,242,800	79,243,100
July	August	September
July	August	September
		Permit Number
		CO12143-08425
Signature	P (L	Date Signed 10/05/2016
	Injection Well Month July 1449.3 1675.24 1794.1 July 0 361.38 391.03 July -0.21 -0.01 .54 July 14.577,500 51,000,900 July July	July August 1449.3 1377.12 1675.24 1698.00 1794.1 1833.35 July August 0 0 361.38 368.1 391.03 400.98 July August -0.21 -0.26 -0.01 -0.03 .54 0.47 July August 14,577,500 14,241,900 51,000,900 65,242.800 July August July August August August

EPA Form 7520-8 (Rev. 12-11)





Not Near Our Injection well

Clint Carter - 2016-08-25 08:27:36 (M2.5) COLORADO 40.5 -104.7 (68d00)

From:

USGS ENS <ens@ens.usgs.gov>

To:

<ccarter@eccv.org>

Date:

8/25/2016 12:58 PM

Subject:

2016-08-25 08:27:36 (M2.5) COLORADO 40.5 -104.7 (68d00)

Globe with Earthquake Location

M2.5 - COLORADO

Preliminary Earthquake Report

Magnitude

2.5

Date-Time

25 Aug 2016 08:27:36 UTC

25 Aug 2016 02:27:36 near epicenter

25 Aug 2016 01:27:36 standard time in your timezone

Location

40.470N 104.661W

Depth

3 km

Distances

6 km (3 mi) NE of Greeley, Colorado

10 km (6 mi) NNE of Evans, Colorado 20 km (12 mi) E of Windsor, Colorado 36 km (22 mi) ENE of Loveland, Colorado

75 km (46 mi) S of Cheyenne, Wyoming

Location

Horizontal: 1.2 km; Vertical 2.7 km

Uncertainty

Parameters

Nph = 27; Dmin = 3.2 km; Rmss = 0.48 seconds; Gp =

79°

Version =

Event ID

us 20006tzp

For updates, maps, and technical information, see: Event Page or USGS Earthquake Hazards Program

National Earthquake Information Center

Up Entered

Clint Carter - 2016-10-01 10:20:22 (M2.4) COLORADO 39.5 -105.5 (68d00)

From:

USGS ENS <ens@ens.usgs.gov>

To:

<ccarter@eccv.org>

Date:

10/1/2016 10:40 AM

Subject:

2016-10-01 10:20:22 (M2.4) COLORADO 39.5 -105.5 (68d00)

Globe with Earthquake Location

M2.4 - COLORADO

Preliminary Earthquake Report

Magnitude

2.4

Date-Time

1 Oct 2016 10:20:22 UTC

1 Oct 2016 04:20:22 near epicenter

1 Oct 2016 03:20:22 standard time in your timezone

Location

39.465N 105.487W

Depth

5 km

Distances

23 km (14 mi) SW of Evergreen, Colorado

34 km (21 mi) WSW of Ken Caryl, Colorado 38 km (23 mi) WSW of Columbine, Colorado

39 km (24 mi) SW of Golden, Colorado 52 km (32 mi) SW of Denver, Colorado

Location

Horizontal: 2.4 km; Vertical 2.0 km

Uncertainty

Parameters

Nph = 43; Dmin = 38.7 km; Rmss = 0.87 seconds; Gp =

52°

Version =

Event ID

us 10006uec

For updates, maps, and technical information, see: Event Page or USGS Earthquake Hazards Program

National Earthquake Information Center



Analytical Results

TASK NO: 160906108

Report To: Clint Carter

Company: East Cherry Creek Valley Water & San. District

6201 S. Gun Club Road Aurora CO 80016

Bill To: Accounts Payable

Company: East Cherry Creek Valley Water & Sar

6201 S. Gun Club Road Aurora CO 80016

Task No.: 160906108

Client PO:

Client Project: Northern Well Quarterly

Date Received: 9/6/16

Date Reported: 10/3/16

Matrix: Wastewater

Customer Sample ID Deep Well

Sample Date/Time: 9/6/16

2:00 PM

Lab Number: 160906108-01

Test	Result	Method	ML	Date Analyzed	Analyzed By
Bicarbonate	2456.0 mg/L as CaCO3	SM 2320-B	0.1	9/7/16	MBN
Calcium as CaCO3	3423.4 mg/L	SM 3111-B	0.1	9/8/16	ICP
Carbonate	< 0.1 mg/L as CaCO3	SM 2320-B	0.1	9/7/16	MBN
Langelier Index	2.04 units	SM 2330-B		9/16/16	SAN
pH	7.03 units	SM 4500-H-B	0.01	9/6/16	MBN
Temperature	20 °C	SM 4500-H-B	1	9/6/16	MBN
Total Alkalinity	2456.0 mg/L as CaCO3	SM 2320-B	0.1	9/7/16	MBN
Total Dissolved Solids	11633 mg/L	SM 2540-C	5	9/12/16	ISG

Abbreviations/ References:

ML = Minimum Level = LRL = RL mg/L = Milligrams Per Liter or PPM ug/L = Micrograms Per Liter or PP8 mpr/100 mls = Most Probable Number Index/ 100 mls Date Analyzed = Date Test Completed

DATA APPROVED FOR RELEASE BY



Analytical Results

TASK NO: 160906108

Report To: Clint Carter

Company: East Cherry Creek Valley Water & San. District

6201 S. Gun Club Road Aurora CO 80016

Bill To: Accounts Payable

Company: East Cherry Creek Valley Water & Sar

6201 S. Gun Club Road Aurora CO 80016

Task No.: 160906108

Client PO:

Client Project: Northern Well Quarterly

Date Received: 9/6/16

Date Reported: 10/3/16

Matrix: Wastewater

Customer Sample ID Deep Well

Sample Date/Time: 9/6/16

2:00 PM

Lab Number: 160906108-01

Test	Result	Method	ML	Date Analyzed	Analyzed By
Chloride	2517.84 mg/L	EPA 300.0	0.01 mg/L	9/6/16	MBN
Nitrate Nitrogen	38.67 mg/L	EPA 300.0	0.05 mg/L	9/6/16	MBN
Nitrite Nitrogen	< 0.03 mg/L	EPA 300.0	0.03 mg/L	9/6/16	MBN
Specific Conductance	12786 umhos/cm @ 25c	EPA 120.1	5 umhos/cm @ 25c	9/6/16	MBN
Specific Gravity	1.015 g/ml	SM 2710 F	0.001 g/ml	9/6/16	MBN
Sulfate	2568.74 mg/L	EPA 300.0	0.01 mg/L	9/6/16	MBN
Total Suspended Solids	< 5 mg/L	SM 2540-D	5 mg/L	9/7/16	ISG
rotal					
Calcium	1510.0 mg/L	EPA 200.7	0.1 mg/L	9/8/16	ICP
Iron	0.005 mg/L	EPA 200.7	0.005 mg/L	9/8/16	ICP
Magnesium	448.30 mg/L	EPA 200.7	0.02 mg/L	9/8/16	ICP
Sodium	1450.0 mg/L	EPA 200.7	0.1 mg/L	9/8/16	ICP

Abbreviations/ References:

ML = Minimum Level = LRL = RL nn_ - minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

Chain of Custody Form

Report To Information	Bill To Information (If different from report to)	Project Name
Company Name: Eccv	Company Name:	NWTP Deep Well
Contact Name: Clint Carter	Contact Name:	Quarterly
Address:	Address:	Task Number (Lab Use Only)
6201 S Gun Club Rd		CAL Task No.
		160906108
www.company.com		
City Aurora State CO Zip80016	City State _ Zip	
City states		ARF
Phone:3039017681 Fax:	Phone: Fax:	
Email: ccarter@eccv.org	Email:	Disposal Date(Lab Use Only)
Sample Collector: PR	PO No.:	



Brighton Lab
240 South Main Street
Brighton, CO 80601
Lakewood Lab
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313 Fax: 303-659-2315

www.coloradolab.com

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Ground Water			Sludge		Other		omtai	ite Om	Ę.		Nic					3	=	and the second		lpha	Beta pCi/I
Surface Water			Compost				No. of Containers	Grab or (Cheek One Only) Composite	Condutivity TDS /	LDS ·	Nitrates / Nitrites	rss	pri	. ISI	Sulfate	Chloride	Magnesium	Sodium	from	Gross Alpha pCVL	Gross Be
Date	Time			Sample	ID		ž	5 हुँ ठ	ŭ		Z	Ĕ.	E S		รั	디	Σ	S	J E	Ō	5
9/6/16	1400	Deep Well	I				3			\boxtimes	\boxtimes		Z D		\boxtimes	\boxtimes	\boxtimes			\boxtimes	
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Pult	12d	9/6	/16 1613	N.	9/12							······································	-			•••••				****************	

ANALYTICAL SUMMARY REPORT

October 03, 2016

Colorado Analytical Laboratories Inc PO Drawer 507 Brighton, CO 80601

Work Order:

C16090277

Project Name:

160906108 ECCV Northern Well Qtr

Energy Laboratories, Inc. Casper WY received the following 1 sample for Colorado Analytical Laboratories Inc on 9/8/2016 for

analysis.

Client Sample ID Collect Date Receive Date Matrix Test Lab ID 160906108-01B Deep 09/06/16 14:00 09/08/16 Waste Water Preservation by the Laboratory C16090277-001 Gross Alpha, Gross Beta Well

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy, Casper, WY 82601, unless otherwise noted. Any

exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Kathryr & the rivel
Report Proofing Specialist

Report Approved By:

Digitally signed by Kathy Hamre

Date: 2016.10.03 13:06:57 -06:00



Trust our People Trust our Data

Billings, MT 800.735.4489 * Casper WY 888.235.0515

College Station, 7x 888,690.2218 • Gillette WY 866,688,7175 • Helena MT 877,472,0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client:

Colorado Analytical Laboratories Inc

Project:

160906108 ECCV Northern Well Qtr

Lab ID:

C16090277-001

Client Sample ID: 160906108-01B Deep Well

Report Date: 10/03/16

Collection Date: 09/06/16 14:00

DateReceived: 09/08/16

Matrix: Waste Water

				MCL/		
Result	Units	Qualifiers	RL	QCL	Method	Analysis Date / By
165	pCi/L				E900.0	09/20/16 17 28 / trs
57.4	pCi/L				E900 0	09/20/16 17 28 / trs
48.9	pCi/L				E900.0	09/20/16 17:28 / trs
	•	U			E900.0	09/20/16 17 28 / trs
	,				E900.0	09/20/16 17:28 / trs
	,				E900.0	09/20/16 17:28 / trs
	165 57 4 48 9 -3 39.4	165 pCi/L 57.4 pCi/L 48.9 pCi/L -3 pCi/L 39.4 pCi/L 65.7 pCi/L	165 pCi/L 57 4 pCi/L 48 9 pCi/L -3 pCi/L U 39.4 pCi/L	165 pCi/L 57.4 pCi/L 48.9 pCi/L -3 pCi/L U 39.4 pCi/L	Result Units Qualifiers RL QCL 165 pCi/L 57 4 pCi/L 48.9 pCi/L -3 pCi/L U 39.4 pCi/L	Result Units Qualifiers RL QCL Method

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

College Station, 1% 888.690.2218 • Gillette WY 866.686.7175 • Helena, MI 877.472.0711

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Colorado Analytical Laboratories Inc Project: 160906108 ECCV Northern Well Qtr Report Date: 10/03/16

Work Order: C16090277

Analyte		Count	Result	Units	RL %	REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E900.0		······································	***************************************		***************************************	***************************************			Batch: G	rAB-2270
Lab ID:	Th230-GrAB-2270	La	boratory Cor	ntrol Sample			Run: G5421	M_160916A		09/20	/16 17:28
Gross Alph	na		80.4	pCi/L		82	80	120			
Lab ID:	Sr90-GrAB-2270	La	boratory Cor	ntrol Sample			Run: G5421	W_160916A		09/20	/16 17:28
Gross Beta	a		164	pCi/L		87	80	120			
Lab ID:	MB-GrAB-2270	6 Me	thod Blank				Run: G542l	M_160916A		09/20	/16 17 28
Gross Alph	na		-1	pCi/L							U
Gross Alph	na precision (±)		0.7	pCi/L							
Gross Alph	na MDC		1	pCi/L							
Gross Beta	а		-2	pCi/L							Ų
Gross Bet	a precision (±)		2	pCi/L							
Gross Bet	a MDC		3	pGi/L							
Lab ID:	C16090454-003AMS	Sä	mple Matrix	Spike			Run: G542	M_160916A		09/20	/16 17:28
Gross Alpi	ha		82.8	pCi/L		83	70	130			
Lab ID:	C16090454-003AMSE) Sa	imple Matrix	Spike Duplicate			Run: G542	M_160916A		09/20	/16 17:28
Gross Alpi	ha		82 6	pGi/L		83	70	130	0.3	20	
Lab ID:	C16090454-003AMS	Sá	ımple Matrix	Spike			Run: G542	M_160916A		09/20)/16 17:28
Gross Bet	a		175	pCi/L		92	70	130			
Lab ID:	C16090454-003AMSE) Sa	ımple Matrix	Spike Duplicate			Run: G542	M_160916A		09/20)/16 17 28
Gross Bet	a		172	pCi/L		90	70	130	1.2	20	

Qualifiers:

RL - Analyte reporting limit MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

None

Work Order Receipt Checklist

Colorado Analytical Laboratories Inc C16090277 Date Received: 9/8/2016 Dorian Quis Login completed by: Received by: ckw Randy Horton Reviewed by: Carrier name: Ground 9/12/2016 Reviewed Date: Not Present Shipping container/cooler in good condition? Yes 🗸 Custody seals intact on all shipping container(s)/cooler(s)? Yes [No 🗌 Not Present [✓] Not Present [✓] Custody seals intact on all sample bottles? Yes 🗌 No 🗌 Yes 🗸 No [Chain of custody present? No 🗌 Chain of custody signed when relinquished and received? Yes [√] No [Chain of custody agrees with sample labels? Yes 🗸 No 🔲 Yes 🗸 Samples in proper container/bottle? Yes 🗸 No 🗌 Sample containers intact? No 🗍 Sufficient sample volume for indicated test? Yes 🗸 Yes 🗸 No 🗍 All samples received within holding time? (Exclude analyses that are considered field parameters such as pH. DO, Res Cl. Sulfite, Ferrous Iron, etc.) Not Applicable Temp Blank received in all shipping container(s)/cooler(s)? Yes 🗌 No V Container/Temp Blank temperature: 4.2°C Blue Ice Not Applicable Water - VOA vials have zero headspace? Yes [No 🗌 $\sqrt{}$ Not Applicable No 🗌 Water - pH acceptable upon receipt? Yes [Standard Reporting Procedures: Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH. Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time. Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as -dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis. **Contact and Corrective Action Comments:**

Chain of Custody Form

Report To Information	Bill To Information (If different from report to)	Project Name
Company Name: Colorado Analytical	Company Name: Same As Report To	160906108
Contact Name: Stuart Njelson	Centact Name:	Eccv Northern Well Otr
Address:	Address:	Task Number (Lab Use Only)
240 S. Main St.		TR-3
		RS-N (South
City Brighton State CO Zip80601	City State _ Zip	CSOUTH
Phone:3036592313 Fax:3036592315	Phone: Fax:	
Email: stuartniclson@coloradolab.com	Email:	Disposal Date(Lab Use Only)
Sample Collector: Pr	PO No.:	



Brighton Lab
240 South Main Street
Brighton, CO 80601
Lakewood Lab
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313 Fax: 303-659-2315

www.coloradolab.com

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Groun	Water 2 d Water [ce Water []	Soil Sludge Compost		Plant Tissue Other		No. of Containers	Grab or (Check One Only) Composite	Gross Alpha/Beta	EPA 900			PROTECTION OF THE PROTECTION O	· · · · · · · · · · · · · · · · · · ·				THE RESERVED TO SELECTION OF THE PERSON OF T		
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V			1600										~	1	1					

Chain of Custody Form

Report To Information	Bill To Information (If different from	Project	Name		Laboratories, Inc.						
Company Name: <u>Eccy</u> Contact Name: <u>Clint Carter</u>	Company Name:		NWTP I	Deep Well Y	TO THE PARTY OF TH	Brighton Lab 240 South Main Street Brighton, CO 80601					
Address: 6201 S Gun Club Rd City Aurora State CO Zip80016 Phone:3039017681 Fax:	Address: City State _ Zip Phone: Fax:		1	umber (L: CAL Task 1609061 ARF	1	Lakewood Lab 12860 W. Cedar Dr, Suite 100A Lakewood CO 80228 Phone: 303-659-2313 Fax: 303-659-2315 www.coloradolab.com					
Email: ccarter@eccv.org Sample Collector: PR	Email: PO No.:	Disposal	Date(Lab	Use Only)	WWW.eviorado.com						
Waste Water Soil Sound Water Sludge Surface Water Compost	Plant Tissue Other	No. of Containers Grab or (Check One Only) Composite	Condutivity TDS	Nitrates / Nitrites TSS	pH · Specific Gravity LSI ·						
	mple ID	Con Graf	Cond TDS	<u> </u>							
9/6/16, 14°CO Deep Well											
		3									
Instructions:	C/S lufe:				Seals Pr	resent Yes No 0					

Deliver Via:

Date/Time: 1413 Relinquished By:

Temp() 5 °C/Ice Received By:

C/S Charge □ Date/Time:

Instructions

Relinquished By:

Date/Time: 9/6/16 1613

Received By: